

Tests for autoclave and hot air sterilization check

Steri Star® **Dry-Star®** **Poupinel (160° à 200 °C)**

Safe	★ Stérilisation efficace
Over safety margin	★ Stérilisation efficace + marge de sécurité

Notice "Stérilisé" and two stars drawing change colour **from pink to brown** to show effectiveness of 160°C - 1 hour or 180°C - 30 minutes or 200°C - 15 minutes sterilization and **to black** to show safety margin, doubling sterilization time for each temperature.

Steri Star® **Steam-Star®** **Autoclave (1 à 2 bars / 120° à 135°C)**

Safe	★ Stérilisation efficace
Over safety margin	★ Stérilisation efficace + marge de sécurité

Notice "Stérilisé" and three stars drawing change colour **from pink to brown** to show effectiveness of 121°C - 15 minutes or 134°C - 3 minutes and 30" sterilization and **to black** to show safety margin of 121°C - 20 minutes and 134°C - 5 minutes sterilization

Code 35840 "DRY STAR" INDICATOR

- for hot air sterilization

- No special stocking requirements

- No maturity date

Made in France

minimum order: 1,000 pcs.



Code 35850 "STEAM STAR" INDICATOR - autoclave

Indicator for sterilization by autoclave with pressure 1 to 2 bar 120°C/135°C.

- No special stocking requirements

- No maturity date

- Safety and reliability

Made in France

minimum order: 1,000 pcs.



Bowie & Dick Test ready for use



Satisfactory: Not Satisfactory: Central red colour
green uniform Time and/or temperature and/or
colour steam pressure incorrect



Code 35853 UPSTAR - "BOWIE & DICK" - test

Bowie & Dick test ready for use

Stability of colour change

High sensibility, detect any anomaly

minimum order: box of 30 tests



Steam and Dry Heat Adhesive Tape Indicators

35846
35842

For sterilization at 134° brown strips appear in 3 min.
For sterilization at 121° brown strips appear in 15 min.

CE

Meet UNI EN 867-PART 1-2 (Class A) and as chemical indicators ISO 11140-1

STEAM AND DRY HEAT TAPE INDICATORS

Gima range of tapes is specially formulated for packing purposes as well as to show visibly that the pack has undergone a sterilization cycle. The backing of the different tapes is made of strong, semicreped, impregnated paper which gives excellent conformability during the application. Steril tapes unwind easily and can be torn by hand without difficulty. Special adhesives formulated to withstand high temperature and humidity ensure excellent bond to paper, plastic, non-wovens, board, metal, glass and linen.

Tape indicator - 50 m	Width 19 mm	Width 24 mm	Minimum order
Dry Heat Tape - hot air sterilizer	35842	-	12 rolls
Steam Tape - autoclave	35846	35847	12 rolls

Distiller: system of water distillation



Code 35690 WATER DISTILLER

The autoclaves must run with distilled or demineralised water to avoid problems on electrovalves and on internal mechanism and white traces of limestone on the sterilized tools and devices.

Distiller produces 100% distilled water in a cheap and safe way. It produces 4 litres in about 6 hours.

It is equipped with an automatic control thermostat with block system at the end of operation.

Supplied with 6 active cool filters, 1 detergent, 1 container for produced distilled water. Operating Voltage: 220V - 50-60Hz.

Code 35691 COAL FILTERS FOR DISTILLER - box of 12

BRANSON Ultrasonic Cleaners

Precision cleaning power

Ultrasonic cleaning is faster and safer than any other method. Scrubbing soaking and steam don't even come close. It's powerful enough to remove heavy oils and waxes, penetrating enough to deflux circuit boards, yet gentle enough to clean tiny precision assemblies. Ultrasonic sound waves moving through a cleaning solution create an effect called cavitation, the rapid formation and implosion of microscopic bubbles. Heat enhances the process. The deep-cleaning action of ultrasonics removes even the most stubborn dirt and contaminations.

Branson: pioneer in ultrasonic cleaning

We have selected Branson because their cleaners incorporate years of experience in ultrasonic cleaning:

-easy to handle and safe to fill - frequency higher than average for a deep cleaning - less noise - longer lifetime.

MT MECHANICAL TIMER



MT: with mechanical timer adjustable up to 60 minutes and with a setting for continuous cleaning.

MTH MECHANICAL TIMER + HEATING



MTH: with mechanical timer and heating with special feature to avoid overheating due to absence of liquid.

DTH DIGITAL TIMER + HEATING



DTH: with digital timer, heating with feature to avoid overheating, degas and temperature monitor. Offers maximum control of cycle time and temperature with clear readouts and one touch settings.



Led Display: indicates the tank temperature, set temperature, ultrasonics time or degas time depending on your **SELECT OPTIONS** choice.

Lights indicate the option selected by pressing "Select option":

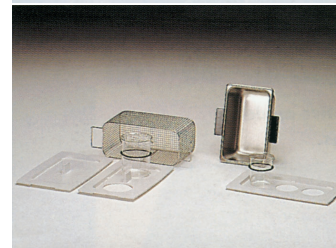
- **SOLUTION TEMP:** display current solution temp. (10-75 °C ±4°C)
- **SET TEMP:** set tank temperature (01-69°C)
- **SET SONICS:** set ultrasonic time (01-99 mins., 60 mins default)
- **SET DEGAS:** set degas time (01-99 mins., 5 mins. default)
- **HEAT ON:** indicates heat is activated and has been set (SET TEMP).



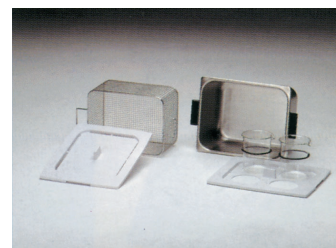
Branson 2510 - 2.8 litres



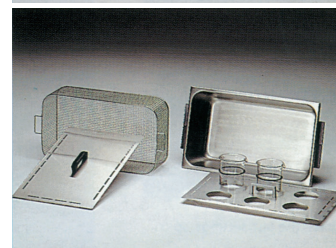
Branson 3510 - 5.5 litres



Branson 5510 - 9.5 litres



Branson 8510 - 20 litres



Ultrasonic Cleaners: codes	Branson 2510 2.8 litres	Branson 3510 5.5 litres	Branson 5510 9.5 litres	Branson 8510 20 litres
MT Mechanical Timer	35501	35510	35520	35531
MTH Mechanical Timer, Heat	35502	35511	35521	35532
DTH Digital Control, Heat, Degas, Timer	35503	35512	35522	35533
Tank size: mm.	240x140x100	290x150x150	290x240x150	495x280x150
Overall size: mm.	338x295x305	399x371x318	399x371x401	599x376x467
Tank capacity: litres (gal)	2.8 (3/4)	5.5 (1 1/2)	9.5 (2 1/2)	20 (5)
Drain and valve kit	NO	Included	Included	Included
Weight: kg (lbs.)	4.1 (9)	4.9 (11)	5.9 (13)	11.8 (26)
Power consumption without heat: W	130	130	185	320
Power consumption with heat: W	239	335	469	881
Frequency: KHz	40	40	40	40
Accessories codes:				
Tank cover, plastic*or stainless steel**	35507*	35517*	35527*	35537**
Perforated Tray	35508	35518	35528	35538
Beaker positioning cover	35509	35519	35529	35539
Specifications of beaker positioning cover	or 2 x 250 ml or 2 x 600 ml	or 3 x 250 ml or 2 x 600 ml	- 4 x 600 ml	- 6 x 600 ml
Glass beaker 250 ml	35540	35540	-	-
Glass beaker 600 ml	35541	35541	35541	35541

Compact ultrasonic cleaner General Purpose Cleaner



Code 35549 GIMA 50 ultrasonic cleaner 0.6 l

This ultra-compact cleaner is very easy to use, effective and economic. Ideal for all those who have to clean articles now and then, **particularly suitable for glasses, jewelry, surgical and dental instruments.**

Electronic, not adjustable timer with plastic cover and basket. No heating. Internal size: 168 x 89 x 55 mm.

Code 35544 BRANSON GENERAL PURPOSE CLEANER -bottle 1 l concentrate
BRANSON PURPOSE is a cleaning solution developed for use with ultrasonic cleaners. Removes general soils, fingerprints, dust, light oils and greases. Branson cleaning liquid has been specially developed to provide optimal transfer of acoustic energy. Mainly used in: dentistry, medical and optical applications, laboratory, electronic, gold and silver work.



Chemical specifications

Concentration: 10-12%
Biodegradability: yes
Phosphate free
Concentration PH: 13.5
Rinsability: good

Germly Gima Plus: Germicidal Ultraviolet Lamps

Available in 3 sizes



GERMY GIMA PLUS: ULTRA VIOLET LAMPS

These instruments incorporate a germicidal ultra-violet lamp which rapidly destroys every micro-organism hit by its rays. Recommended to keep the instruments which are stored inside them sterile.

Instruments previously sterilized can be preserved for a long time and they are always ready for use (UV treatments do not generate heat).

An inside supporting grate keeps instruments raised from reflecting surface which enables both surfaces to be uniformly irradiated, improving the UV germicidal action.

Operator safety is guaranteed by a micro switch which extinguishes the lamp if door is opened.

Solid construction, painted steel outside and reflecting stainless steel inside.

Installation on table or wall.

Operating voltage: 230 V - 50/60 Hz - 1 A

Made in Italy

Code 35750 GERMY GIMA PLUS 8 W - 38x20xh17 cm
Code 35751 GERMY GIMA PLUS 15 W - 50x24xh20 cm
Code 35752 GERMY GIMA PLUS 30 W - 96x24xh20 cm
Code 35754 SPARE NEON LAMP - 8 Watt
Code 35755 SPARE NEON LAMP - 15 Watt
Code 35756 SPARE NEON LAMP - 30 Watt

GIMA Quick: sterilization in 2 minutes

Code 35640 GIMA QUICK - hot bead sterilizer

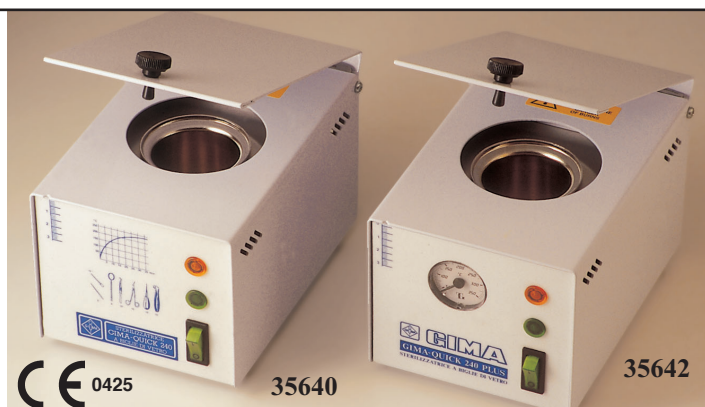
Code 35642 GIMA QUICK PLUS with thermometer

GIMA QUICK hot bead sterilizer has been projected and developed specifically for medical use otherwise it is recommended also for dentistry, podology, veterinary tattoo and beauty studios. It ensures a quick and effective sterilization. It sterilizes files and mirrors in 2 minutes, surgical instruments in 2 minutes, curettes and forceps in 3 minutes.

Its constant temperature over 230°C ensures the total destruction of micro-organisms and spores in few seconds. GIMA QUICK has its casing in epoxydic powders painted steel; the inside cylinder is completely isolated by fibres and glass, wich prevents the heat from being transmitted to the external box. It can work continuously for the whole day. Supplied with a pack of glass beads (220 g). Made in Italy.

Code 35645 PYREX BASIN

Code 35646 PACK OF GLASS BEADS



Technical specifications

Outer structure in white painted steel	Weight: 2.8 kg
Size: 130 x 130 x 190 mm	Power consumption: 150 W
Copper plated basket: diameter 5.5 cm	Operating voltage: 220 V - 50 Hz.
depth 7.5 cm	Warranty: 12 months
	Made in Italy

TAU Automatic Hot Air Sterilizers

Shining 18/8 stainless steel non corrosive, almost indestructible sterilization chamber which reflects the heat to reach rapidly desired temperature.



35600

Code 35600 TAU STERIL 1.6 - automatic hot air sterilizer
Code 35619 TAU STERIL 18 - automatic hot air sterilizer

TAU sterilizers have been designed to satisfy all daily medical requirements in the field of sterilization. Extremely robust, totally automatic, guarantee complete working safety.

TAU 1.6 has double wall and inner insulation, outside it is made of stove-enamelled sheet steel, inside of stainless steel 18/8 (double cover, sterilization chamber and removable perforated tray). **TAU 18** comes complete with safety fuses, neon warning lights to control timer and thermostat, power cable, 3 itallumac treated shelves, shelf extracting tongs.



35619

CE 0426

Technical specifications	TAU 1.6	TAU 18
Inside dimensions:	245x115x h55 mm	375x230x h200 mm
Outside dimensions:	310x180x h180 mm	440x310x h380 mm
Weight:	5 kg	14 kg
Operating voltage:	220V	220V
	110V available on request	
Power consumption:	250 W	600 W
Fuses:		3.15 A
Thermostat:	Automatic capillary bulb type with self registration	
	from 90° to 200°	
Timer:	from 0 to 120 minutes	
Thermometer:	high precision with capillary bulb	
Made in Italy.		

TAU 36 Automatic Sterilizer Gimette 60 with ventilation



Code 35626 TAU STERIL 36 - automatic hot air sterilizer

Manufactured to meet the needs of hospitals and clinics, for dental, medical and aesthetic use. Inner wall of sterilizing chamber is made of 18/8 stainless steel, outer wall is made of oven-cured plate. It is equipped with 0° -200° C thermostat, armoured resistor, manual/automatic timer, safety thermostat, pilot lamps, switch protection fuses, 3 shelves and self extracting tongs. Manufactured in accordance with UNI EN ISO, UNI IEC EN 46002 and 93/42 EEC.

Technical specifications		
Inside dimensions:	400x300x h300 mm	
Outside dimensions:	620x400x h470 mm	
Weight:	20 kg	
Operating voltage:	230V (110V available on request)	
Power consumption:	1280 W	
Thermostat:	Automatic capillary bulb type with self registration from 0° to 200°	
Timer:	from 0 to 120 minutes	
Thermometer:	high precision with capillary bulb	
Made in Italy.		



Code 35625 GIMETTE 60 TV

Fully automatic hot air sterilizer, suitable to sterilize a large quantity of instruments, with adjustable temperature from 50°C to 250°C. Ventilation system guarantees in short time a precise temperature in all internal chamber. Stainless steel door. Four extractable trays with large capacity. Provided with timer, temperature gauge, safety thermostat.

Technical specifications		 0425
Inside dimensions:	460x410x h340 mm = vol. about 60 dm ³	
Outside dimensions:	600x530x h530 mm	
Weight:	36 kg	
Power consumption:	2700 W	
Operating voltage:	230 V - 50Hz	
Thermostat:	from 50° to 250°	
Timer:	manual from 0 to 120 minutes	
Thermometer:	high precision with capillary bulb	
User manual: English and Italian	Warranty: 1 year	
Made in Italy.		

Hot Air Sterilizers: GIMETTE 1.5, 7, 21, 28 and 50 litres



Code 35601 GIMETTE 1.5 - hot air sterilizer  0425

Code 35607 GIMETTE 7 - hot air sterilizer
Automatic Gimette are compact and high quality hot air sterilizers with the same reliability and efficiency as larger models.

Outside structure is made of painted plate with anti-scratch epoxy powder. Stainless steel lid and sterilization chamber with approx. capacity of 1.5 l. and 7 l.

Removable, perforated for air circulation, tray with pliers.

All components certified by most important European brands, assembling in compliance with EN-61010.

A second safety thermostat operates in case temperature should exceed 220°C. Red LED indicates any anomaly in thermoregulation and consequent starting of safety thermostat.

Technical specifications

GIMETTE 1,5

Inside dimensions: 245 x 120 x 50 mm = vol. 1.5 dm³
Outside dimensions: 310 x 180 x 180 mm Weight: 4.3 kg
Power consumption: 250 Watt Fuse: 1 A

GIMETTE 7

Inside dimensions: 410 x 180 x 90 mm = vol. 7 dm³
Outside dimensions: 490 x 310 x 180 mm Weight: 8 kg
Power consumption: 400 Watt Fuses: 2 x 2.5 A

Thermometer: high precision with capillary bulb

Same specifications for both models:

Operating Voltage: 230 V. - 50 Hz.

Thermostat: automatic, adjustable 0-200 °C

Timer: manual from 0 to 120 minutes

2° Thermostat: bi-metallic certified

Green LED: timer, orange LED: heating, red LED: alarm

Made in Italy - Warranty 1 year



Code 35621 GIMETTE 21 - hot air sterilizer  0425

Code 35628 GIMETTE 28 - hot air sterilizer

Code 35629 GIMETTE 50 - hot air sterilizer

Fully automatic hot air sterilizer, with adjustable temperature from 0°C to 200°C, kills off even particularly resistant micro-organisms. Stainless steel structure is powder painted, except for the door, to assure maximum heat and shock resistance over time. Four perforated, anodized aluminium trays make hot air circulation easier. Capacity approximately 20 l., 28 l. and 50 l. A second safety thermostat operates in case temperature should exceed 230°C. Red LED indicates any anomaly in thermoregulation and consequent starting of safety thermostat.

Technical specifications

	GIMETTE 21	GIMETTE 28	GIMETTE 50
Inside dimensions mm:	300x250x260	380x250x360	405x340x350
Approx. volume	20 dm ³	28 dm ³	50 dm ³
Outside dimensions mm:	440x340x400	550x340x400	605x460x480
Weight:	13 kg	17 kg	24.5 kg
Power consumption:	600 Watt	500 Watt	1200 Watt

Same specifications for 3 models:

Operating Voltage: 230 V. - 50 Hz.

Fuses: 2 x 4 A (35621, 35628) 2 x 8 A (35629)

Timer: manual from 0 to 120 minutes Thermostat: automatic

Thermometer: high precision with capillary bulb

2° Thermostat: bi-metallic certified

Green LED: timer, orange LED: heating, red LED: alarm

Made in Italy - Warranty 1 year

User/Service manual in Italian, English, Spanish

Prestige Clinical Autoclaves: Excellence through Design



Easy to use, with fully automatic cycle 126°C/11 minutes

GIMA code	Prestige Medical Autoclaves
35709	Prestige autoclave 9 litres
35712	Prestige autoclave 12 litres
35720	Silicone sealing gasket
35722	Depressurization valve



PRESTIGE AUTOCLAVES - class N

Prestige is one of the world's largest selling and most cost effective automatic autoclave available, with an enviable reputation for reliability, durability, safety and quality.

- Lifetime warranty on heating element
- Method recommended by healthcare professional worldwide including the World Health Organisation (WHO).
- Each autoclave is computer tested and issued with a unique Performance Test Certificate.
- At only 4.5 kg net weight, offers full device portability.
- Supplied with basket, tray, lifting fork.

Recommended for infection control not only in hospital and general medical and dental surgeries, but also in veterinary, chiropody, professional beauty, tattooists, acupuncture, laboratories and schools. Multilingual user manual. Comply with: IEC 601, DIN 58946, EMC, UL 544, BS3970 part 4, ESCHLE



Prestige Medical

SYMBOL OF QUALITY, SAFETY AND SERVICE

Technical specifications		
	35709	35712
Capacity :	9 l	12 l
Chamber internal dimensions (D/H)	210/236	210/328
Maximum instrument length (diagonal):	228 mm	290 mm
Maximum loading weight:	3 kg	4 kg
Width/height:	340/335	340/420
Same specifications for 2 models:		
Sterilizing time: 11 minutes		
Cycle time (nominal) minutes: 22 minutes		
Operating pressure: 1.40 bar		
Sterilizing temperature: 126 °C		
Operating voltage: 230 V - 50-60 Hz Power 1.500 Watt		
Made in UK - Warranty: 1 year		

GIMA Vertical Autoclave H 100 - 9 litres - Class N

Code 35746 H100 GIMA AUTOCLAVE - 9 litres - 230 V

Code 35656 H100 GIMA AUTOCLAVE - 9 litres - 110 V

This autoclave is safe and easy to use. It is used to sterilize surgical instruments and hand-pieces which can be sterilized up to 125°C. All this with a sterilization cycle of 15 minutes. It is formed by an external box of painted steel and a stainless-steel 18/10 body without any welding, it has three safety valves.



Safety systems

- Safety lock, which prevents the opening of the door during the sterilization cycle; the door can only be opened when pressure inside the chamber is levelled to the ambient one.
- Safety valve for vapour exhaust in case of damage with inside overpressure > 2.5 bar.
- Safety thermostat which occurs if the inner temperature of the chamber rises over 135°C.
- Thermodynamic vacuum.

Standard Accessories

Stainless steel basket	Rauclair tube
Distilled water bottle 1 l.	Electric cable
User manual in English, French, German, Italian, Spanish	

Technical specifications

External size: 258 x 300 x h 370 mm
Size of the sterilizing chamber: Ø 220 mm - h mm 215
Removable basket: Ø 210 mm - h mm 215
Sterilizing liquid: distilled water
Absorbed power: 1500 Watts
Operating voltage: 110 V or 230 V - 50/60 Hz
Fuses: type 6.3 x 32 mm - 8A
Operating temperature: 125 °C
Sterilizing time: 15 minutes
Operational pressure: 1.6/1.7 bars (170/180 KPa)
Weight: net weight 12.2 kg - gross weight 14.8 kg
Made in Italy Warranty: 1 year

Hydra Electronic 15 litres Steam Autoclave - N

Code 35650 HYDRA AUTOCLAVE - 15 litres - 230 V
Code 35654 HYDRA PLUS AUTOCLAVE - 18 litres - 230 V

Automatic steam autoclaves for the sterilization of unwrapped instruments.

Two sterilization cycles: 121°C and 134°C

Each sterilization phase: pre-heating, sterilization, drying is automatic.

Safety closing: system of closing by a safety pivot

Thermodynamic system for the ejecting of the "cool" air locks.

The sterilization chamber is completely stainless steel

AISI 304 and it is heated by a band shape heating element which grants uniformity of the heat.

Supplied with four aluminium trays and one key for their extraction.

User manual available in English, French, Italian, Spanish.

Code 35671 SEALING GASKET - spare

Code 35669 HEATING BAND DHY A035 for 35650, 35654



MICROBIOLOGIC
CERTIFICATION



Technical specifications

Stainless steel chamber: $\varnothing$ 24.5 x 32 cm $\varnothing$ 24.5 x 40 cm (Plus)
 External size: 44 x 38 x 49 cm (W x H x D)
 Net weight: 35 kg
 2 sterilization cycles: 121°C and 134°C
 Operating Voltage: 230 V $\pm$ 10% - 50/60 Hz
 Power consumption: 1.3 KW
 Class N
 Made in Italy - Warranty: 1 year

93/42/EEC Medical device
 73/23/EEC Low tension
 93/36/EEC Electromagnetic
 Compatibility

Cycles	Materials	Sterilization time	Drying time	Max load	Working pressure
Not wrapped 121° C	•Fragile solids •Rubber solids •Glass •Turbines if indicated by producer	20 min.	5 min.	2.8 kg 700 g load in any tray	1.2÷1.3 bars
Not wrapped 134° C	•Stainless metal solids •Turbines if indicated by producer	10 min.	5 min.	2.8 kg 700 g load in any tray	2.1÷2.2 bars

Sterilmed 9 litres Steam Autoclave - Class N

Code 35649 STERILMED AUTOCLAVE - 9 litres - 230 V

Steam autoclave for the sterilization of unwrapped instruments.

2 sterilization cycles: possibility of choosing two cycles at 134°C or 121°C with automatic drying.

Closure system with an operator safety pivot.

Air pockets automatic ejection system:
 thermodynamic system for the ejection of the "cold" air pockets.

Stainless steel chamber: the sterilization chamber is made entirely of stainless steel and is heated by a band shaped heating element which guarantees uniformity of heat.

Supplied with 3 aluminium trays.

Available on request 110 V.



93/42/EEC Medical device
 73/23/EEC Low tension
 93/36/EEC Electromagnetic
 Compatibility



Technical specifications

Stainless steel chamber: $\varnothing$ 16.4 x 32.5 cm
 External size: 38 x 32 x h 50 cm
 Tray's size: 11.5 x 17 x h 3 cm
 2 sterilization cycles: 121°C and 134°C
 Operating voltage: 230V $\pm$ 10% - 50/60 Hz
 Max absorbed power: 1,350 Watt
 Net weight: kg 28 Class N
 Made in Italy - Warranty: 1 year
 User manual: English, French, Italian, Spanish.

Cycles	Materials	Sterilization time	Drying time	Max load	Working pressure
Not wrapped 121° C	•Fragile solids •Rubber solids •Glass •Turbines if indicated by producer	20 min.	5 min.	2.8 kg 700 g load in any tray	1.2÷1.3 bars
Not wrapped 134° C	•Stainless metal solids •Turbines if indicated by producer	10 min.	5 min.	2.8 kg 700 g load in any tray	2.1÷2.2 bars

SINCERT

 UNI EN ISO 9001
UNI CEI EN 46001

SISTEMA
QUALITÀ
CERTIFICATO

93/42/EEC	Medical device	Low
73/23/EEC	tension	
93/336/EEC	Electromagnetic	
	Compatibility	

Class S

Andromeda Vacuum is supplied with printer built into the drive board. The printer document certifies the sterilization by indicating all the data related to the cycle.

ANALYSIS		
Species	1.01	
Circles	N° 000826	
Serial N°	000101	
Date	08-06-99	
Time	09:39	
Cycle	2	
121°C	1.2 Bar 34 min	
WITH VACUUM		
UNWRAPPED		
STRT		
Drums		Bo
09:39	045	
09:44	049	-8.
STERILIZED		
09:53	122	1.
09:54	121	1.
09:55	121	1.
09:56	121	1.
09:57	121	1.
09:58	121	1.
09:59	121	1.
10:00	121	1.
10:01	121	1.
10:02	121	1.
10:03	121	1.
10:04	121	1.
10:05	121	1.
10:06	121	1.
10:07	121	1.
10:08	121	1.
10:09	121	1.

Code 35671 SEALING GASKET - for Andromeda and Europa
Code 35672 BACTERIAL FILTER - for Andromeda and Europa
Code 35673 VAPOR LINE STERILIZATION INTEGRATOR
- for Andromeda and Europa

Europa: autoclave with printer and PC connection

Class B

Code 35653 EUROPA B XP AUTOCLAVE - 15 litres

Fractionated Vacuum: B type fractionated vacuum managed by a double phase vacuum pump to ensure complete evacuation of air.

Microprocessor System and Evaluation System Built in:

All functions and controls are managed by an updated microprocessor electronic system.

System of integrated valuation: An electronic control ensures a self valuation and the management of all functions.

New electronic control: The control card is integrated in the board to allow temperature settings to be preset, automatic barometric alignment to take place, multifunction graphic display to work and carries the management availability for the integral P.I.D. system.

Safety Door: The door is equipped with three systems to ensure the operators safety: Dynamic, Electromagnetic, and Electronic. The door will only open when the internal pressure is zero, ensuring the operators safety.

6 Automatic cycles without operators: Six automatic sterilization cycles which do not need the operator to be present. All equipped with an anti-condensation function and automatic cut off.

3 Cycle tests for vacuum check: Europa B XP has 3 test cycles available: VACUUM TEST, for the air pockets evacuation BOWIE & DICK TEST, for hollow-tools HELIX TEST.

Warranted drying: The combined vacuum and heat drying cycle ensures that the equipment is totally dry as required.

Stainless steel chamber: The T-PED certified stainless steel cylinder ensures the heat is uniformly dissipated.



This is a unique autoclave equipped with incorporated printer and PC connection

P.I.D. Regulation System
Special control to monitor the parameters of the sterilization cycle

Validating System: Prearranged validating system of the sterilization cycle.

Water tanks: A clean water tank and a dirty water tank ensure the best possible sterilization cycle and enhance the working life of your equipments

Cycles	Materials	Ster. time
121° C not packed in bags	•Fragile solids •Rubber solids	52 min.
121° C packed in bags	•Delicate hollow and porous instruments •Solids instruments	60 min.
134° C not packed in bags	•Fragile solids •Rubber solids	42 min.
134° C packed in bags	•Solid instruments •Hollow and porous instruments	50 min.
134° C PRION	•Solid instruments •Hollow and porous instruments	65 min.
134° C POROUS	•Hollow and porous instruments not packed in bag •Solid instruments not packed in bag	58 min.

Technical specifications

Operating voltage: 230 V - 50/60 Hz Max absorbed power : 2000 W
110 V on request Chamber dimension: Ø 24.5x32 cm depth
External size: 51x39x59 cm (WxMxD) Warranty 1 year.
Weight: 54 Kg Made in Italy

D-500 Digital Sealing Machine with Dot Matrix Printer

Code 35910 D-500 SEALING MACHINE

D-500 is a continuous sealing machine for medical pouches according to DIN rules 58953, P7 with dot matrix printer.

It allows a 12 mm multi-line seal and features stand-by function and automatic infeed through photocell.

D-500 is equipped with built-in printer to print different data on the bag (sterilization/expiry dates, statutory symbols) during the sealing process in order to provide constant control on the sterility of your instruments, especially when the paper layer of the sterilization bag is less tight, after 30 days, and consequently losing instruments sterility.

Built in epoxy coated stainless steel.

D-500 is a sophisticated unit controlled by a microprocessor and equipped with a device to adjust temperature (displayed by LCD) and printing parameters.

The sealing pressure is automatically adjusted according to the material thickness. It also guarantees 30 mm safety distance between seal and product, according to DIN rules.

All medical centres wishing to obtain certifications should use D-500 Sealer.

Easy to use and maintenance-free, it is the ideal solution for clinics and hospitals.

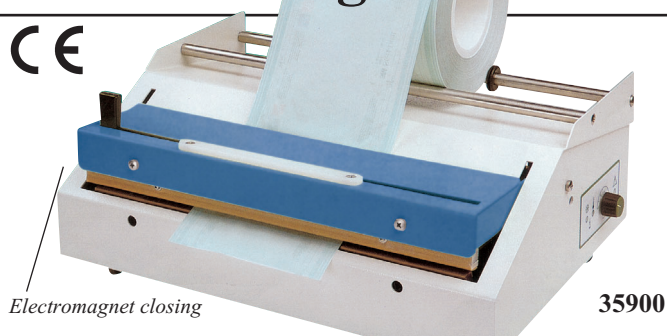
Code 35912 INK-CARTRIDGE D-500 - spare part



Technical specifications

Infeed speed 6 m/min
Temperature control by digital thermoregulator
Sealing temperature 80°÷200° C
Temperature tolerance ±2%
Seal Multiline
Seal width 12 mm
Adjustable free edge 0 ÷ 30
Power supply 230 V-50/60 Hz-single phase
Absorption 600 W
Dimensions 495 x 220 x 172 mm
Net weight 12 kg
Made in Italy

D-351 Sealing Machine: electro-magnete operation



Electromagnet closing

35900

Code 35900 D-351 IMPULSE SEALING MACHINE

It is the latest development of the compact impulse medical sealers, conform to DIN 58953 P.7 rules, specially designed to be used in medical, dental, oculistic surgeries and test laboratories.

Main features:

- Sealing and cutting length 35 cm - Safety check with alarm.
- Main board with temperature control to avoid overheating of the sealing wire - Sealing bars closed by electromagnet
- Complete with foil-roll dispenser and built-in cutting device.

Easy

- By the pressure of only one finger, without using levers, the bars close automatically.
- The electro-magnet guarantees a steady sealing pressure for the whole set period.

- The sealing bar opens automatically at the end of the cycle, requiring no action by the operator.

Quick

- The electro-magnetic system allows a substantial saving of the packing time. Quick foil feeding.

Safe

- The machine does not start the sealing cycle if there is an object with a thickness over 3 mm between the bars.
- The electronic temperature control through a NTC probe provides a perfect temperature accuracy from seal to seal.
- The electronic alarm function avoids any overheating.

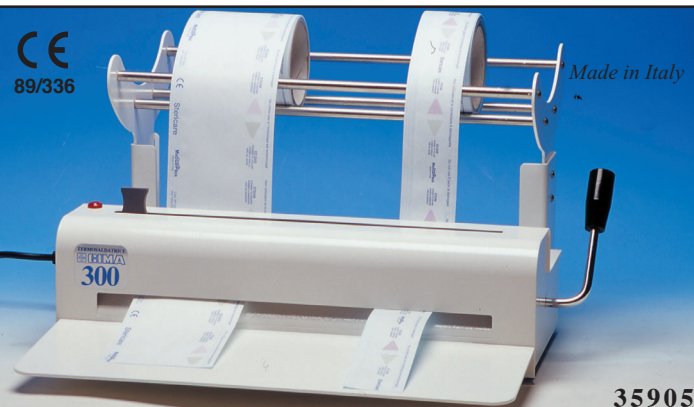
Code 35902 TEFLON - spare

Code 35903 RESISTOR - spare

Technical Specifications

Sealed materials: paper/polyethylene/polyester - Tyvek®
 Sealing length: 350 mm
 Sealing width: 8 mm as per DIN 58953 P. 7 rules
 Electronically controlled sealing time: 0.5 sec.
 Cutting length: 350 mm
 Foil-roll dispenser 350 mm
 Power: 230V- 50/60 Hz single - phase
 Max absorption: 700W, only during the sealing time
 Dimensions: 44x 17.5x31 cm Weight: 18 kg
 Built in accordance with CEI EN 60204- 1 rules
 Made in Italy

Compact Size Electronic Thermosealing Machines



35905

Technical specifications

Sealing width: 12 mm Power resistance: 100 W
 Sealing length: 300 mm. Operating Voltage: 220/230 V - 50/60 Hz
 Support plane size: 15 cm 115 V available on request
 Sealing time: 3 to 5 seconds Size: 42x39.7x14.3 cm
 Weight: 5 Kg All components IMQ, UL, DVE approved

Code 35905 GIMA V300 VERTICAL THERMOSEALER

A new concept of Thermosealer.

Vertical thermosealer for small places:

The innovative vertical shape and its compact size enable the use of this machine in any small place. Its width, including the support plane is only 42 cm.

Safety features:

Security was the first priority in the development of this device, all units are provided with 3 different safety features:

- Protective guard to avoid the contact between fingers and blade of the sealing unit
- protected resistor group
- automatic auto shut-off timer in case of probe failure

Quick sealing in 3 - 5 seconds:

The advanced system of automatic sealing control avoids paper and rolls burning enabling the quick and continuous sealing of hundreds of pieces, **sealing time from 3 to 5 seconds!**

Code 35907 TEFLON V 300 - spare

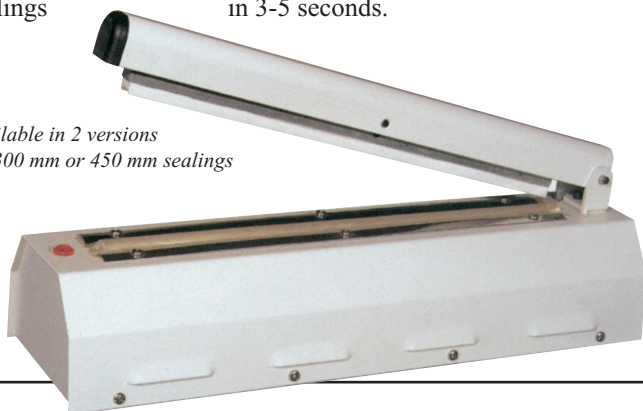
Code 35908 GROUP RESISTOR V300 - spare part

Ultra-Compact Sealings for 300 mm and 450 mm Seals

COMPACT SEALINGS

A revolutionary thermosealing at unbeatable price. Extremely compact, only 12.5 cm depth, allows very quick sealings in 3-5 seconds.

Available in 2 versions
for 300 mm or 450 mm sealings



Code 35920 GIMA B300 COMPACT SEALING

Code 35921 GIMA B450 COMPACT SEALING

Code 35907 TEFLON B300 - spare

Code 35908 GROUP RESISTOR B300 - spare

Code 35923 TEFLON B450 - spare

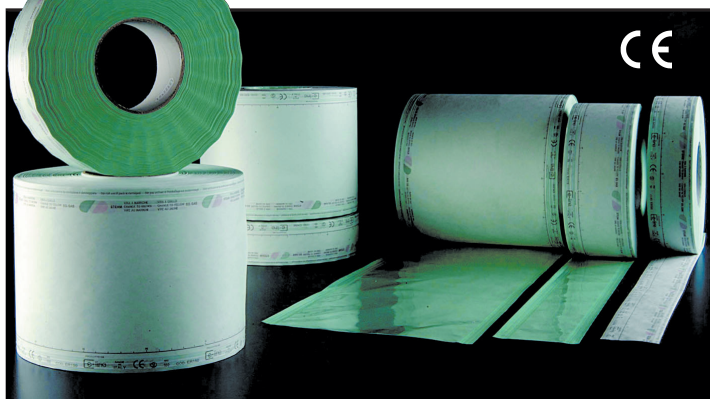
Code 35924 GROUP RESISTOR B450 - spare



Technical Specifications

	GIMA B300	GIMA B450
Sealing length:	300 mm	450 mm
Sealing width:	12 mm	
Sealing time:	3 to 5 seconds	
Power resistance:	100 W	150 W
Weight:	3,5 kg	4,5 kg
Size:	43x12.5x14 cm	59x12.5x14 cm
Operating voltage:	230 V - 50/60 Hz (115 V on request)	
All components, IMQ, UL, DVE approved		
Conform to "Low Tension" CEE 73/23 Made in Italy		

Pouches and Rolls for autoclave and hot air sterilization



FLAT ROLLS for hot air sterilization (160-180°C)

Flat rolls manufactured in transparent, high quality plastic to withstand the high temperatures used in hot air sterilization. Material can be exposed to temperatures between 160-180°C, with exposure time 30 to 120 minutes. Over 180°C rolls become dark and burn. **Each roll is 200 m long.**

FLAT ROLLS for sterilization by autoclave or ethylene oxide gas

Flat rolls consist of transparent, polyester-polypropylene film coupled to medical grade paper which permit steam and gas penetration during sterilization. Steam and gas indicators provide clear colour changes when exposed to sterilization process. **Each roll is 200 m long.**

GUSSET ROLLS for sterilization by autoclave or ETO

Made with coated film PET 12/PP 40 green and 60 g medical white paper. For sterilization of voluminous objects.

Each roll is 100 m long.

GIMA code	Rolls for hot air sterilization	Minimum order
35801	Flat rolls 200 m x 100 mm HR 41	3 rolls
35802	Flat rolls 200 m x 150 mm HR 42	2 rolls
35803	Flat rolls 200 m x 200 mm HR 43	1 roll

GIMA code	Rolls for autoclave and ETO - flat	Minimum order
35810	Flat rolls 200 m x 50 mm	8 rolls
35811	Flat rolls 200 m x 75 mm	8 rolls
35812	Flat rolls 200 m x 100 mm	4 rolls
35813	Flat rolls 200 m x 150 mm	4 rolls
35814	Flat rolls 200 m x 200 mm	2 rolls
35817	Flat rolls 200 m x 250 mm	2 rolls
35815	Flat rolls 200 m x 300 mm	2 rolls
35816	Flat rolls 200 m x 400 mm	1 roll

GIMA code	Gusset rolls for autoclave and ETO	Minimum order
35871	Gusset rolls 100 m x 100 mm x 25 mm	4 rolls
35872	Gusset rolls 100 m x 150 mm x 25 mm	4 rolls
35873	Gusset rolls 100 m x 200 mm x 30 mm	2 rolls
35874	Gusset rolls 100 m x 250 mm x 32,5 mm	2 rolls
35875	Gusset rolls 100 m x 300 mm x 40 mm	1 rolls
35876	Gusset rolls 100 m x 400 mm x 40 mm	1 rolls



SELF-SEAL POUCHES

for sterilization by autoclave or ethylene oxide gas

Self-seal pouches consist of light green, polyester-polypropylene transparent film coupled to medical grade paper which permit steam and gas penetration during sterilization. **Steam and gas indicators change colour when exposed to sterilization.**

1. Reinforced corners to prevent dust from collecting near to the opening, reducing the risk of contamination during opening.
2. The laminated transparent film complies with the German standard EN 10/204. The medical paper conforms to the following standards: DIN 58953 (German), Pharmacopea 589 (French), pr EN 868-3 (European) and BS 6256 (English).
3. The chevrons allow rapid and correct opening.

4. These consist of one layer of laminated transparent film (special type polyester and copolymer polypropylene) and white damp-resistant medical Kraft paper, specially designed to assure a high anti-bacterial protection.
5. The heat-sealed lines (Multiline) are highly resistant and spaced equally; the external welding runs along the entire length of the pouch. Reels and pouches are certified and are manufactured according to international standards DIN 58953 and BS 6871, EN 868-5.

GIMA code	Flat pouches for autoclave and ETO	Minimum order
35880	Flat pouches 100 x 300 mm	1,000
35881	Flat pouches 150 x 200 mm	1,000
35882	Flat pouches 150 x 250 mm	1,000
35883	Flat pouches 150 x 300 mm	1,000
35884	Flat pouches 150 x 400 mm	1,000
35885	Flat pouches 200 x 300 mm	1,000
35886	Flat pouches 200 x 350 mm	500
35887	Flat pouches 200 x 400 mm	500
35888	Flat pouches 250 x 400 mm	500
35889	Flat pouches 250 x 500 mm	500
35890	Flat pouches 300 x 400 mm	500
35891	Flat pouches 400 x 600 mm	500

GIMA code	Self-seal pouches for autoclave and ETO	Minimum order
35860	Self-seal pouches 90 x 165 mm	1,800
35861	Self-seal pouches 90 x 230 mm	1,800
35862	Self-seal pouches 140 x 250 mm	1,200
35863	Self-seal pouches 190 x 330 mm	1,200
35864	Self-seal pouches 190 x 400 mm	1,200
35866	Self-seal pouches 300 x 450 mm	400

Barrycidal "30": a wide-spectrum disinfectant



Chemical composition

Active ingredients:

- Alkyl (C₈H₁₇) -dimethyl benzil ammonium chloride: 9.75%
- Disobutyl Phenoxo ethoxy ethyl dimethyl benzil ammonium chloride: 3.25%

Inactive ingredients:

- Sodium nitrite: 4.5%
- Propylenic glycol: 10%
- Water: 72.5%

Italian Health Ministry authorization N° 3139

Code 35760 BARRYCIDAL "30" - acts in 30 seconds!

Dilution 1:100 ready for use. 1 l bottle with 10 cc measurer cap. In each box of 24 bottles are included 1 dispenser and 1 spray.

minimum order: 24 bottles

Code 35762 BARRYCIDAL "30" - concentrate € 0373

Tube 225 cc. for appoximatively 24 l.

Barrycidal "30" is a broad spectrum disinfectant.

Thanks to its high activity and non-toxic properties, it is an ideal germicide without problems of tolerability. It is active on gram positive and gram negative bacteria while it exhibits powerful microbiological action also on fungi, moulds and viruses such as HIV and HBV. Useful for skin disinfection and surgical instruments disinfection (15 minutes of immersion).

Disinfectant Powder € 0546

Code 36640 GERMOCID PERACETIC POWDER - box of 500 g

Cold sterilizer disinfectant: the peracetic acid which forms from the reaction of hydrogen peroxide (which is obtained after dissolving the product into water) and tetracetylendiammina carries on an efficacious biocid action towards **spores, virus (HIV, HBV, HCV), bacteria, mycobacteria and fungi**. At the concentrations of 1.6% it carries on **sterilization in 10 minutes**. The product is active in 15 minutes from dissolution, solution remains active for max 24 hours. Suitable for a cold rapid sterilization and disinfection of endoscopes, surgical and dental instruments, transducer, etc. It can be used also with automatic washing machines for endoscopes. No environmental impact: once in contact with discharge water, it degrades immediately into acetic acid, water, oxygen.

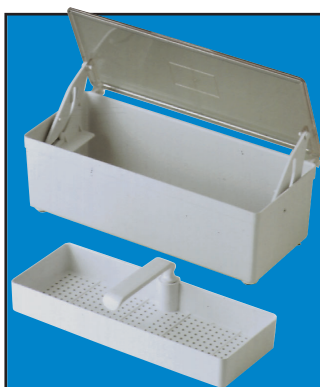
English instructions. Made in Italy.

Chemical composition

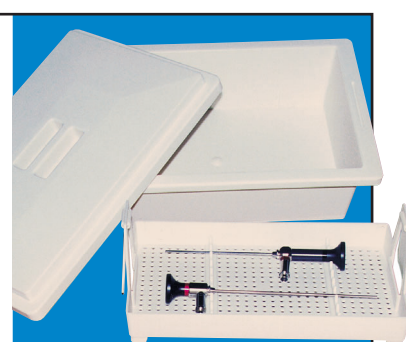
100 g of product contain:	
Tetracetylendiammina	24.8 g
Sodium Perborate Monohydrate	50.094 g
Citric Acid (Anhydrous)	24.8 g
Sequestering	0.1 g
Antioxidizing	0.2 g
Dyes	0.006



Boxes for cold sterilization



35770



35772

Code 35770 STERILIZATION BOX - 1.5 l (26x12x8 cm)

Code 35772 STERILIZATION BOX - 3 l (28x18x10 cm)

Useful plastic box, with an internal removable perforated instrument tray, specially developed for cold sterilization of medical instruments. White colour.

Code 35772 is autoclavable. Made in Italy.

Multiclean spray

Chemical composition

Clorexidine digluconate	0.1 g
Benzalconium chloride	0.1 g
Ethanol	45 g
2-Propanol	15 g
Essential oils, coloration and depurated water	100 g
Appearance: green liquid	
Smell: characteristic pine	



Code 36615 MULTICLEAN SPRAY - 750 ml

Sold in box of 12 - only 2 bottles came with vaporizer. For disinfection and fast cleaning of every kind of medical surface materials which are not sensible to alcohol like arm, handle and different dentistry objects.

- **Disinfectant action:** the association between Clorexidine and Quaternary ammonium Salt and the high alcoholic content guarantee a large action spectrum towards:

- Bacteria gram+ gram fungus and virus HIV, HBC, HCV (HEPATITES B and C) **in 1 minute of contact**.

- Fungus, microbacteria and TBC in 5 minutes of contact.

Strong detergent power and fast evaporation.

It is not disactivated by organic substances.

- **Bactericide, virucide and fungicide activity.**

Environment Disinfectant

Code 36617 ENVIRONMENT DISINFECTANT - tank of 3 litres

Concentrated liquid detergent-disinfectant for instruments and environments. Dilute it in water to a ratio of 0.5% for the disinfection and the cleaning of surfaces, counter, tiles, floors, sanitary fixtures, also using floor-washing machines. Suitable in large areas (hospitals, clinics, rest homes, gyms, swimming pools) for the disinfection and cleaning of surfaces.

- **Disinfectant action:** guarantee a wide protection against virus, fungus, bacteria gram+ and gram-.

- **Detergent action:** contains non-ionic surface active agents to enhance the cleaning of surfaces. Well tolerated on skin, do not swallow.

Chemical composition

100 g of product contain:	
Chloride of didecildimethylammonium	10 g
Isothiazolinomagnesium Chloride sol	0.2 g
Diluents and essential oils as needed for	100 g
Appearance: pale yellow liquid	
Smell: citronella	
Biodegradability: detergent according to rules	
CE n° 648/2004	



Hygienic gel

Code 36600 HYGIENIC GEL - 80 ml

No need of water to wash and clean your hands, dries up in few seconds.

Contains a hygienic agent with germicide and pleasant lemon flavour.

Made in Italy.

minimum order: 12 bottles

Place here your logo:
minimum 500 pcs.

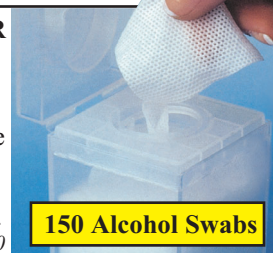


Alcohol Swabs/Pads

Code 36601 QUICKPAD DISPENSER

Convenient to handle and ideal for cleaning the skin before injections, blood checks, infusions... The fleece pads are saturated with 70% Isopropyl Alcohol. The tight fitting lid prevents evaporations. Size 50x50x80 mm contains 150 pads, size: 44x44 mm, sterilized by Gamma radiation. U.S. and International Patents FDA Reg. #8010920

150 Alcohol Swabs



Novalcol: Skin Disinfectant and Fungicide

Code 36610 - NOVALCOL - 250 ml

minimum order: 12 bottles

Code 36611 - NOVALCOL - 1 l

minimum order: 12 bottles

Code 36613 - NOVALCOL - 3 l

minimum order: 4 tanks

Multialcol can be used pure before and after the injection, or previously diluted in the ratio of 1:4 (1 part of Multialcol and 4 parts of water) in the preoperative cleaning of the patient (or for those confined to bed). Useful for disinfecting, cleaning and deodorizing rooms, floors, surfaces, tiles, sanitary facilities, etc. Multialcol is non toxic, non irritant and non inflammable.

It does not stain or hurt. Efficient against gram⁺, gram⁻ - virus.

Instructions on the bottle in English - Italian

Chemical composition

Didecildimethylammonium Chloride	100mg
O-Fenilphenol	20 mg
Isopropyl Alcohol	3.6 mg
Soluble essential oils of lemon	1g
Djestuff E124	0.2 mg
Deionized sterilized water as needed for 100 g	
Made in Italy.	

Italian Health Ministry
Registration PMC 13428



Oxygenated water

Code 36605 OXYGENATED WATER (Hydrogen peroxide) - 250 ml

Code 36606 OXYGENATED WATER (Hydrogen peroxide) - 1 l

Made in Italy.

minimum order: 12 pcs



Disinfectant Wipes

DISINFECTANT WIPES

Code 36625 - tube of 100 wipes

Code 36626 - box of 400 bags

Active against bacteria, virus and mycetes are ideal for children since they do not burn. Indispensable in the house, the car, in sporting events.

Indicated for the disinfection of: insect bites - (applied on the skin as an insect repellent) - skin before and after injections - disinfection of hands and other body parts.

Instructions on the box in English - Italian

36626

Chemical composition

Each 100 g contains: Chloride of alkylbenzylolammonium 0.5% - O-fenilphenol 0.01% - Alchil iso-chinolona bromide 0.2% - Scent excipient detergent (Alchil-poliglicolere) and water as needed. Made in Italy.

Italian Health Ministry registration PMC 12671



Spray Disinfectant

Code 36620 GERMOCID SPRAY DISINFECTANT - 400 ml

36620

minimum order: 12 pcs

Spray disinfectant for environment, instruments and people, with high bactericidal power.

- Disinfects and deodorizes the air of crowded and smoky areas (hospital, classrooms, examination and surgery rooms, bathrooms, cars, trailers).

- Disinfects without burning

- Disinfects hands and injection area

- Active against the effects of perspiration

Instructions on box in English - Italian



Chemical composition

100 g contain: O-phenilphenol 20 mg; alkylbenzylolammonium chloride 100 mg. Essential oils composition: isopropyl alcohol, propellers and other ingredients as needed for 100 g. Made in Italy.

Italian Health Ministry registration PMC 7604

Germocid Soap

Code 36630 GERMOCID SOAP - 1 l

minimum order: 12 pcs

Antiseptic liquid for disinfection of skin and hands.

It is studied for people who need frequent washing as surgeons, medical and hospital attendants. Made in Italy

Italian Health Ministry registration PMC 16161



Surgery Disinfectant

Code 36632 NEO STERIXIDINA SOAP - 1 l

Recommended for preparation of hands before surgical intervention and for complete washing of patients. Direct action towards bacteria gram⁺, gram⁻, virus.

Chemical composition

Each 100 g contains: Chlorhexidine digluconate 4 g - Lauryl dimetilamino oxide 5 g - Poloxen 25 g - Isopropyl alcohol 4 g - Parfum 0.25 g - Gluconic Δ lactone 0.6 g - Colorants E124 0.005 g - Depurated water as needed for 100g.

Italian Health Ministry registration PMC 18980



Surgeon Brushes

Code 25719 SCRUB KIT - sterile

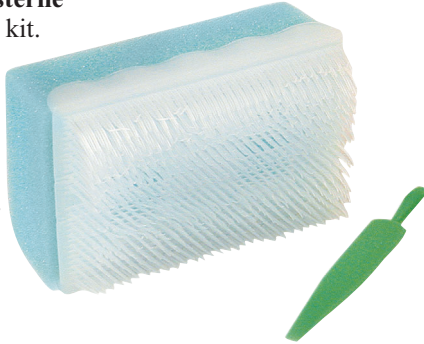
Sterile hand-cleaning hospital kit.

It includes a scrub,
a sponge and a plastic spatula
for cleaning nails.

Dry, without detergent.

Sterilization method: ETO

minimum order: box of 32 pcs

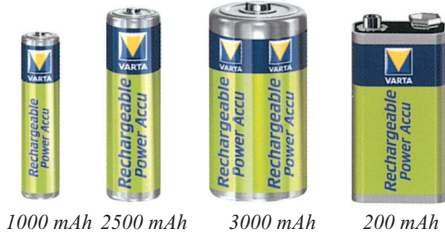


Code 25715 PERFECTION BRUSHES

Nylon brushes for cleaning before and after operation.

These brushes are autoclavable (at 100°C for not more than 5 minutes) and can be stored in any standard brush dispenser in hospitals. Resistant and reliable. Supplied in boxes of 12 units.

Rechargeable Batteries and Chargers



Fast 15 min. charge for
all major brands (32248)

32248



32240

32245

GIMA code	Varta Power Play Rechargeable Batteries	Type	Blister	Min. order
32235	Varta ministilo	AAA	2 pcs.	10 blister
32236	Varta stilo	AA	4 pcs.	20 blister
32237	Varta half torch	C	2 pcs.	10 blister
32239	Varta 9V	9V	1 pc.	10 blister

GIMA code	Recharging Stations	Power supply	Sizes mm	Weight g	To be used with:	Recharging time	Supplied with:	12V cde adaptor
32240	Easy Energy multi charger	230 V	180x240x110	1022	AAA, AA, C, 9V	6-8 h	-	no
32245	Power play Plug charger	110 - 240 V	150x195x75	284	AAA, AA	2-4 h	4AA	yes
32248	Ultra fast Charger: recharge batteries from all major brands	110 - 240 V	181x265x70	336	AAA, AA	15 min.	4AA	yes

Alkaline, Lithium and Zinc-air "Acoustic" Batteries



32200

32201

32203

32202



32211



32221



32220

FOR GENERAL USE APPLICATIONS

FOR ELECTRONIC

FOR ACOUSTIC

GIMA code	Varta Alkaline High Energy Batteries	Type	Blister	Min. order
32200	Varta ministilo H.E. - alkaline	AAA	4 pcs.	10 blister
32201	Varta stilo H.E. - alkaline	AA	4 pcs.	20 blister
32203	Varta half torch H.E. - alkaline	C	2 pcs.	10 blister
32204	Varta torch H.E. - alkaline	D	2 pcs.	10 blister
32205	Varta 9V H.E. - alkaline	9V	1 pc.	10 blister

GIMA code	Rayovac Alkaline Batteries - Bulk	Type	Box	Min. order
32202	Rayovac Stilo - alkaline	AA	24 pcs.	2 boxes

GIMA code	Varta Lithium Batteries - button	Blister	Min. order
32210	Varta 2016 - lithium button	1 pc.	10 blister
32211	Varta 2025 - lithium button	1 pc.	10 blister
32212	Varta 2032 - lithium button	1 pc.	10 blister
GIMA code	Rayovac Zinc-Air "Acoustic" Batteries	Blister	Min. order
32220	Rayovac 675 - zinc air - acoustic	6 pcs.	10 blister
32221	Rayovac 13 - zinc air - acoustic	6 pcs.	10 blister
32222	Rayovac 312 - zinc air - acoustic	6 pcs.	10 blister
32223	Rayovac 10 - zinc air - acoustic	6 pcs.	10 blister